

Title (en)
INFORMATION PROCESSING DEVICE

Title (de)
INFORMATIONSVERRARBEITUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT D'INFORMATIONS

Publication
EP 2615861 A4 20160420 (EN)

Application
EP 11823540 A 20110905

Priority
• JP 2010202492 A 20100909
• JP 2011070196 W 20110905

Abstract (en)
[origin: EP2615861A1] An information processing apparatus (1) includes a storage unit (6) that stores an application program preliminarily correlated with first category information and first specific information; a search instruction broadcasting unit (2) that broadcasts a search instruction when the information processing apparatus (1) operating according to the application program uses radio communication under a standardized near field radio communication scheme; a device information receiving unit (3) that receives second category information and second specific information from a counterpart device responding to the broadcasted search instruction and correlates the received information with address information; a buffer unit (5) that stores and correlates the received second category information and the received second specific information with the address information; and a counterpart device identifying unit (4) that identifies in the second category information and the second specific information stored in the buffer unit (5), second category information and second specific information corresponding to the first category information and the first specific information and that using the address information correlated with the identified second category information and the identified second specific information, identifies a counterpart device.

IPC 8 full level
H04L 29/06 (2006.01); **H04L 29/08** (2006.01); **H04W 4/00** (2018.01); **H04W 4/80** (2018.01); **H04W 8/00** (2009.01); **H04W 84/10** (2009.01); **H04W 84/18** (2009.01)

CPC (source: EP US)
H04B 5/00 (2013.01 - EP US); **H04L 67/51** (2022.05 - EP US); **H04W 4/00** (2013.01 - EP US); **H04W 4/80** (2018.01 - EP US); **H04W 8/005** (2013.01 - EP US); **H04W 84/18** (2013.01 - EP US); **H04W 88/02** (2013.01 - EP US)

Citation (search report)
• [X] EP 1509003 A2 20050223 - SONY CORP [JP]
• [X] US 2005088980 A1 20050428 - OLKKONEN MIKKO [FI], et al
• [X] EP 1755029 A1 20070221 - SEIKO EPSON CORP [JP]
• [X] US 2010190440 A1 20100729 - KIM JONG HWAN [KR]
• [X] ASTHANA S ET AL: "The Problem of Bluetooth Pollution and Accelerating Connectivity in Bluetooth Ad-Hoc Networks", PERVASIVE COMPUTING AND COMMUNICATIONS, 2005. PERCOM 2005. THIRD IEEE INTERNATIONAL CONFERENCE ON KAUAI ISLAND, HI, USA 08-12 MARCH 2005, PISCATAWAY, NJ, USA, IEEE, 8 March 2005 (2005-03-08), pages 200 - 207, XP010779654, ISBN: 978-0-7695-2299-9, DOI: 10.1109/PERCOM.2005.43
• See references of WO 2012033065A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2615861 A1 20130717; **EP 2615861 A4 20160420**; CN 103098499 A 20130508; JP 2012060479 A 20120322; JP 5642464 B2 20141217; US 2013183896 A1 20130718; WO 2012033065 A1 20120315

DOCDB simple family (application)
EP 11823540 A 20110905; CN 201180043351 A 20110905; JP 2010202492 A 20100909; JP 2011070196 W 20110905; US 201313787934 A 20130307